

February and March are Meeting Months for AMS Pilot

Meetings are being conducted during February and March by the Advanced Monitoring Systems (AMS) pilot for vendors considering participating in verification tests of air and water monitoring technologies and for members of the air and water stakeholder committees.

Battelle, a technology development organization headquartered in Columbus, Ohio, will hold the meetings in its role as a partner with EPA for environmental monitoring technologies for air, water, and soil.

Vendor Meetings

The meetings for technology vendors are being held at Battelle's facilities in Columbus on the following dates:

- February 19—for vendors interested in participating in performance verification tests of fine particulate ambient air monitors. Three companies sent representatives to the meeting.
- February 26—for vendors with instruments that measure sediment or particles suspended in water, called turbidimeters. Five companies are planning to send representatives.
- March 30—for vendors considering participating in verification tests of open-path optical monitors.

The purpose of the meetings is to give vendors the opportunity to suggest parameters for verification testing of their monitoring instruments and to plan the test schedules. Vendors interested in attending the meetings should contact Dr. Kenneth Cowen at Battelle, 505 King Ave., Columbus, OH 43201-2693, Phone 614-424-5547, Fax 614-424-3638, or E-mail cowenk@battelle.org.

During January, Battelle conducted the AMS pilot's first round of verification tests for portable analyzers that measure emissions of nitric oxide and nitrogen dioxide (NO/NO₂) from small sources. Five companies completed the test: ECOM America, Ltd., Duluth, GA; ENERAC, Westboro, MA; Horiba Instruments, Pittsburgh, PA; Testo, Inc., Flanders, NJ; and TSI, Incorporated, Shoreview, MN.

Vendors interested in participating in technology verification tests are attending meetings during February and March.

Technology categories selected for testing have been identified by members of the air and water stakeholder committees as among the key needs for monitoring air and water emissions. Results of each test will be published in Verification Test Reports, which will be available approximately four months after completion of the tests for each technology category. A verification statement from EPA will also be available for each tested technology. Additional information about the ETV's technology verification process is available in the Autumn 1998 edition of *The Monitor*. The newsletter, reports of test results, and verification statements will be available on the internet at: <http://epa.gov/etv>.

Stakeholder Committee Meetings

The third meetings of the pilot's air and water stakeholder committees are being held February 22-23 in San Francisco (air) and March 2-3 in Albuquerque (water). Committee members will receive an update on the AMS pilot's first verification test, conducted in January for NO/NO₂ analyzers; review the schedule for additional verification tests during the new three months; and consider ETV-related conferences that members may be planning to attend.

The air and water stakeholder committees are comprised of 25 to 30 representatives of federal, state, and local environmental and regulatory agencies; trade and professional associations; business and investment companies; and other organizations. Their role is to provide input from their various perspectives on implementing the pilot.



The AMS pilot is one of 12 pilots in the U.S. Environmental Protection Agency's Environmental Technology Verification Program. ETV was established to accelerate the development and commercialization of improved environmental technologies through third-party verification testing and reporting of the technologies' performance. The ETV process provides purchasers and permittees with an independent assessment of the technology they are buying or permitting and facilitates multi-state acceptance. For further information, contact Helen Latham at Battelle, 505 King Avenue, Columbus, OH 43201-2693; Phone 614-424-4062; Fax 614-424-5601; E-mail lathamh@battelle.org.

Meet The Stakeholder Committees

Two members of the AMS pilot's stakeholder committees are spotlighted in each issue of *The Monitor*—one each from the air and water committees.



Jeff Cook,
Air Stakeholder
Committee

Mr. Cook currently serves as a branch chief in the Monitoring and Laboratory Division of the California Air Resources Board (CARB), where he has been employed for 12 years. The division's main responsibility is to provide field and laboratory support in ambient air monitoring, motor vehicle fuels certification, and speciated motor vehicle exhaust analyses for the state's low emission vehicle program. His areas of responsibility include planning and directing air monitoring and laboratory quality assurance. He oversees the audit programs for the selection and evaluation of ambient air and motor vehicle exhaust sampling techniques, air monitoring site selection, and monitoring and analytical methods assessments.

Mr. Cook has a B.S. in Biological Sciences from California State University in Hayward. He currently serves on various U.S. EPA working groups and committees and chairs California's Photochemical Assessment Monitoring Technical Advisory Committee. He is also currently working with other state, local, and federal officials to develop a strategy to implement the new particulate matter air monitoring program in California. Mr. Cook's prior experience at CARB included roles in air quality data analysis, program assessment and planning, and rules enforcement. He also worked with the automobile, oil, and steel industries. He has authored several papers on particulate matter sampler comparisons and ambient hydrocarbon field collection programs.



Rainer Hoenicke,
Water Stakeholder
Committee

Dr. Hoenicke has been an environmental scientist for the San Francisco Estuary Institute since 1994 and currently manages the Regional Monitoring Program for Trace Substances. He is responsible for the \$2.5 million program and supervises eight technical staff. In prior assignments, Dr. Hoenicke was an environmental specialist for the California Regional Water Quality Control Board (Los Angeles Region), served as lead scientist for a multi-million dollar National Estuary Project funded by EPA, assisted in implementing regulatory guidelines for wastewater management improvements at a Los Angeles treatment plant, and served as logistics coordinator of the National Stream Survey of EPA's National Surface Water Survey. For the National Estuary Project, he managed technical and scientific aspects of complex environmental planning, management, and cleanup programs. He also served as chief contract manager for public involvement and education programs, contamination remediation, nonpoint source pollution control projects, and wetlands inventories.

Dr. Hoenicke has a Ph.D. in ecology from the University of California at Davis, and a B.S. in agricultural sciences from the University of Bonn, Germany. He was a lecturer and postdoctoral fellow at Moss Landing Marine Laboratories at San Diego State University. He received a research fellowship from the German Research Council and a Sustained Superior Accomplishment Award from the California State Water Resources Control Board.

Upcoming Events

February 1999

- 19**, meeting of vendors of fine particulate ambient air monitors, Columbus, OH
- 22-23**, AMS Pilot's Air Stakeholder Committee meeting, San Francisco, CA
- 26**, meeting of vendors of turbidimeters, Columbus, OH

March 1999

- 2-3**, AMS Pilot's Water Stakeholder Committee meeting, Albuquerque, NM
- 7-12**, Pittcon®'99, Orange County Convention Center, Orlando, FL
- 30**, meeting of vendors of open-path optical monitors, Columbus, OH

June 20-24, 1999

A&WMA 92nd Annual Meeting & Exhibition, America's Center, St. Louis, MO

New AMS Publications on Website

Several AMS publications and items are now available on the EPA/ETV website. For direct access to the AMS pilot, go to http://www.epa.gov/etv/07/07_main.htm (note that the _ symbol follows 07/07):

- **Generic Verification Protocol for the Advanced Monitoring Systems Pilot** (Version 1.0), October 1998—http://www.epa.gov/etv/07/07_prot.htm.
- **Test/QA Plan for Verification of Portable NO/NO₂ Emission Analyzers** (Version 1.0), December 1998—<http://www.epa.gov/etv/library.htm>.
- **Issues of the AMS newsletter, titled *The Monitor***, fact sheets, news releases, CBD announcements, lists of members of the air and water stakeholder committees, and meeting summaries—http://www.epa.gov/etv/07/07_main.htm.